

What is claimed is:

1 1. A method of processing transactions, comprising the steps of:

2 providing a plurality of processing databases each having a
3 respective agent;

4 providing a transaction database;

5 writing one or more transactions, each having a key and a detail,
6 from a first of said plurality of processing databases to said
7 transaction database;

8 periodically searching, using a processing agent from a second of
9 said plurality of processing databases, in said transaction
10 database for a key and detail to determine whether said
11 processing agent should process said one or more transactions;
12 and

13 updating a record in said second of said plurality of processing
14 databases, by using said key and detail.

1 2. The method of claim 1, wherein said transaction database is a
2 messaging database.

1 3. The method of claim 1, wherein said transaction database is a
2 LOTUS NOTES database and said plurality of processing databases
3 are adapted to read said LOTUS NOTES database.

1 4. The method of claim 1, wherein each of said one or more
2 transactions has a processor designation specifying which of said
3 plurality of processing databases is affected by said each of
4 said one or more transactions.

1 5. The method of claim 1, wherein said key includes a wildcard
2 character.

1 6. The method of claim 1, further comprising the step of
2 transferring said one or more transactions from said transaction
3 database to said second of said plurality of processing databases
4 prior to said step of updating a record.

1 7. The method of claim 1, further comprising the step of setting
2 a status flag in said one or more transactions.

1 8. A system for processing transactions, comprising:

2 a plurality of processing databases each having a respective
3 agent;

4 a transaction database;

5 means for periodically searching, using a processing agent from a
6 second of said plurality of processing databases, in said
7 transaction database for a key and detail to determine whether
8 said processing agent should process said one or more
9 transactions; and

10 means for updating a record in said second of said plurality of
11 processing databases, by using said key and detail.

1 9. The system of claim 8, wherein said transaction database is a
2 messaging database.

1 10. The system of claim 8, wherein said transaction database is a
2 LOTUS NOTES database and said plurality of processing databases
3 are adapted to read said LOTUS NOTES database.

1 11. The system of claim 8, wherein each of said one or more
2 transactions has a processor designation specifying which of said
3 plurality of processing databases is affected by said each of
4 said one or more transactions.

1 12. The system of claim 8, wherein said key includes a wildcard
2 character.

1 13. The system of claim 8, further comprising means for
2 transferring said one or more transactions from said transaction
3 database to said second of said plurality of processing
4 databases.

1 14. The system of claim 8, wherein said one or more transactions
2 have a status flag.

1 15. A computer program product for instructing a computer
2 processor to handle transactions, said computer program product
3 comprising:

4 a computer readable medium;

5 first program instruction means for providing a plurality of
6 processing databases each having a respective agent;

7 second program instruction means for providing a transaction
8 database;

9 third program instruction means for writing one or more
10 transactions, each having a key and a detail, from a first of
11 said plurality of processing databases to said transaction
12 database;

13 fourth program instruction means for periodically searching,
14 using a processing agent from a second of said plurality of
15 processing databases, in said transaction database for a key and
16 detail to determine whether said processing agent should process
17 said one or more transactions; and

18 fifth program instruction means for updating a record in said
19 second of said plurality of processing databases, by using said
20 key and detail; and wherein

21 all said program instruction means are recorded on said medium.

1 16. The computer program product of claim 15, wherein each of
2 said one or more transactions has a processor designation
3 specifying which of said plurality of processing databases is
4 affected by said each of said one or more transactions.

1 17. The computer program product of claim 15, wherein said key
2 includes a wildcard character.

1 18. The computer program product of claim 15, further comprising
2 sixth program instruction means for transferring said one or more
3 transactions from said transaction database to said second of
4 said plurality of processing databases.

1 19. The computer program method of claim 15, further comprising
2 sixth program instruction means for setting a status flag in said
3 one or more transactions.